THE COUNTRY ALMANACK,

For the Year, 1676.

Being Bissextile, or Leap-Year,

Suited to the several Capacities, Humours, and Occasions of Gentlemen, Scholars, Tradesmen, and Husbandmen, &c.

And accompanied with Remarks in Verse, upon every Month in the Year; pleasant, and not scurrilous.

To which are subjoyned,

Many Additionals, Old, and New; delightful to be read, and useful to be known.

Omne tulit punctum qui miscuit utile dulci.

LONDON,

Printed by F. L. for the Company of STATIONERS. 1676.

The [illegible]reface.

Reader,

Though I intended [illegible] Almanacks to be [illegible] I would [illegible] had [illegible] the errors of the Press [illegible] them; for [illegible] faults, [illegible] for [illegible] and [illegible] the [illegible] but [illegible] of the [illegible] more [illegible] parts, needed much the Charity [illegible] to make them [illegible] places [illegible] Additional [illegible] printed them all the Book besides) [illegible] the [illegible] [Agreeable [illegible]] [illegible] my [illegible] these [illegible] of [illegible] Copy from them. [illegible] Errata of [illegible] when they are [illegible] be so ingenious, as to acknowledge my [illegible] though [illegible] a fit Correct[illegible]

1. [illegible] be found [illegible] Country [illegible] the Country [illegible] all to fail, there [illegible] Discipl[illegible] [illegible] Professions and perhaps [illegible] [illegible] give [illegible] for a Servant [illegible] [illegible] discontinued at the [illegible]

2. The [illegible] Mathematicians [illegible] for a [illegible] Almanack, [illegible] the Argument [illegible] [illegible] Tom [illegible] the [illegible] his Questions [illegible] him, to [illegible] my Verses [illegible] compose [illegible] in comparison [illegible] with my [illegible]

3. But another fault charged upon my self, I must [illegible] order, viz. an [illegible]ness to [illegible] by predictions of [illegible] and strange [illegible] as [illegible] others have [illegible] time out of mind. An Almanack without these (think[illegible]

[illegible] Fair weather, with some showers intermixed, [illegible] together without some winds, and cloudy vapours. [illegible] to be had ill luck indeed. But suppose such a thing [illegible] remained still into double Apogee; my Predictions are only probable, and conjectural; not premeditate infallible; and if they miscarried within the observer's bounds, here can be no shy disowning where else? But however others may use such [illegible] to forgotten advantage, I think it convenient for me to [illegible] alone; affirming my self, that wise Readers will like me [illegible] the worse for [illegible] to [illegible] them.

Have for the sake of many Advertisements, put in some Additionals, which I hope will be of publique benefit; [illegible] such of the old ones, as I thought fit to insert, [illegible] to represent them truly Corrected. If they come not [illegible] sounds, though it may seem double, it is not [illegible] to serve those for skill, [illegible] when I offer [illegible] lack, that I [illegible] which half-promise, shall [illegible] have a [illegible] performance.

Vale & [illegible]

A brief Chronologie.

Great Jehovah Heaven and Earth did found, [illegible]
For the ſin of Man the World was drown'd, [illegible]
Babels Builders [illegible] void, [illegible]
Sodom and Gomorrah were deſtroy'd. [illegible]
The Hebrews out of Egypt-Land did go, [illegible]
Grecians Ancient Troy did overthrow, [illegible]
Solomon's rich Temple was erected, [illegible]
Brute came hither (though that's much ſuſpected) [illegible]
London had her firſt Foundation laid, [illegible]
That time a bloody City Rome was made, [illegible]
[illegible] loſt his vital breath, [illegible]
Chriſt redeem'd us by his precious death, [illegible]
Titus did Jeruſalem lay waſte, [illegible]
England firſt the Chriſtian Faith embrac'd, [illegible]
Famous Conſtantine began his Reign, [illegible]
England was a Prey unto the Danes, [illegible]
William Conquerour this Crown did gain, [illegible]
His Son Rufus by an Arrow ſlain, [illegible]
Firſt [illegible] cauſed Guns to ſpeak, [illegible]
Printing [illegible] Shelves began [illegible] [illegible]
[illegible] [illegible]
[illegible] Powder-plot fiends did then [illegible] [illegible]
[illegible] theſe Lands with [illegible] fill, [illegible]
[illegible] blood did ſpill,
Cruel hands [illegible] 23
Oliver was firſt Protector call'd, 18
[illegible] bondage we were diſenthrall'd. 17
Noble Booth for th' King in Cheſhire roſe, 17
Monk began to undermine his foes. 16
Our dread Soveraign at White-hall arriv'd, 16
Juſtice Regicides of life depriv'd. 15
The great Coronation-pomp was ſeen, 14
Donna Katherine became our Queen. 11
Th' laſt great Plague began in London Town, 10
By a dreadful fire 'twas burned down. }
It began to be built up again } 9
Splendid and fair long may it ſo remain. }

The twelve Signes, or Constellations of the Zodiack with the parts of Mans Body, said to be subject to them.

Aries, Head, and Face.	*Libra*, Reins, and Loins.
Taurus, Neck, and Throat.	*Scorpio*, Secret Members.
Gemini, Arms, & Shoulders.	*Sagittarius*, The Thighs.
Cancer, Breast, and Stomach.	*Capricornus*, The Knees.
Leo, Heart, and Back.	*Aquarius*, The Legs.
Virgo, Bowels, and Belly.	*Pisces*, The Feet.

The Golden Number.	15	The Cycle of the Sun.	5
The Epact.	25	The Dominical Letters.	B. A.

For Feasts, Fasts, Terms, and Eclipses, see the Kalender, concerning which, take these notes.

1. The Numbers standing towards the right hand in the third Column, shew what Degree the Sun is in of the Sign last before named: by which also it is easie to Collect what Sign he is in on other days, where there is not convenient room for inserting those Numbers.

2. In the fourth Division, or Column, are three small Columns, noted on the top thus, H. M. H. whereof the first Column contains the hour of Sun-rising, the third, the hour of Sun-setting; and the middle shewes the minutes that the Sun riseth after the one, and sets before the other. *Example*: *Jan.* 1. The Number 8. 29. 4. signifies that the Sun rises that day 9. minutes after 8. and sets 9. minutes before 4.

The rest are easie, but that I may avoid hesitation, my Country friend may imagine this Explanatory Scheme, fixed on the head of every Month-page.

Day of the Month.	Day of the Week.	Feasts, Fasts, Terms, & Noted days, with the Suns place.	Suns rising, and setting, in hours and minutes.	The Sign, Degree of the Zodiack, in which the Moon is.	Directions for Gardeners, for planting ground, Planting, Sowing, Grafting, &c.

New Moon the 5th day, 38 min. past 2 in the morning.
First Quarter the 12th day, 57 m. past 1 at night.
Full Moon the 20th day, 38 m. past 6 in the evening.
Last quarter the 27th day, 8 m. past 6 in the evening.

				H	M	H				
1	S	N. years d.	8	9	4	Sag.	2	This Month trench ground,
2	M	Cap.	22	8	8	4	16	Prepare soyl. Dig, bor-
3	T		23	8	7	4	Cap. 0	ders. Uncover roots of
4	W		24	8	6	4	15	Trees. Plant Quick-sets.
5	T		25	8	5	4	29	Transplant Fruit-trees,
6	F	Twelfth d.		8	4	4	Aq. 13	set Vines, prune Vines and
7	S		27	8	3	4	26	Fruit-trees. Nail Wall-
8	S		28	8	0	4	P.f. 9	trees. Gather Cyon.
9	M	S. after Epi.	7	58	5		22	Cleanse Trees of Moss, &c.
10	T		29	7	56	5	Aries 4	moyst weather.
11	W		30	7	55	5	16	Set Beans, and Peas,
12	T	Aquar. 1.	7	5	5		28	and sow for early Coly-
13	F	Hillary	7	52	5	Tau. 10	flowers.	
14	S		3	7	51	5	22	Sow Chervil, Lettice, Ra-
15	S		4	7	50	5	Gem. 4	dish, and other delicate sa-
16	M	2 S. after Epi.	7	48	5		16	lletings. If you will raise up
17	T		6	7	46	5	28	the hot-bed.
18	W		7	7	44	5	Can. 10	Set Traps for Vermine,
19	T		8	7	43	5	24	especially in Nurseries,
20	F		9	7	41	5	Leo 7	Kennels and Stones. Plant
21	S		10	7	39	5	20	Asparagus roots.
22	S		11	7	37	5	Virg. 4	Preserve them with Ra-
23	M	Septuages.	7	35	5		18	miculus's sown in *September*
24	T	Vera Dei.	7	34	5	Libra 2	*Sow*, or *October*. Also Car-	
25	W	Conversio P.	7	32	5		16	dons, and such seeds as are
26	T		13	7	30	5	Scorp. 9	in danger to be nipped and
27	F		14	7	28	5	24	or over-chilled with cold
28	S		15	7	26	5		nual Rains, Frosts, or Snows.
29	S		16	7	24	5	Sag. 14	
30	M	Sexages.	7	22	5		26	
31	T		18	7	20	5	Cap 10	

Could you, like *Janus*, but reflect, and see,
How new years, by the old ones, ushered be;
Our fore-sight (though but listless) would conclude,
We may by dreadful vengeance be pursu'd.
Full crammed Paunches, Heads with Liquor fumes,
Phanciffier Chambers, surcharg'd with costly furniture,
Plays Bedlam-Revels, swearing, and (which is
Worse than the rest) the Courting of a Miss;
(Or, in plain *English*, keeping of an Whore,
While th' honest Wife is turned out of th' door:)
Excessive idleness, prodigious Cheats,
Rooking young Doctrels out of ancient Seats.
Are Christmas Scenes, oft acted without fear,
By some that pray *God send us good new Year*.
They might as well, with the Wild-*Irish*, say,
Lord help us, in our Robberies, to day.
No, no, fond Fools, while Sin is in the Root;
Never expect to gather wholsome Fruit.

New Moon the 3d. day, 39 min. past 6 in the evening.
First quarter the 11th. day, 49 m. past 4 in the evening.
Full Moon the 19th. day, 38 min. past 9 in the morning.
Last quarter the 26th. day, 2 min. before 1 in the morn.

			H	M	H			
1	D	Past 22	7	18	5	Cap. 22		Plant yet Fruit-Trees, Vines, Hops, and Shrubs.
2	E	Purif. M. 23	7	17	5	Aq. 8		
3	F	24	7	15	5	21		Set Kernels, and Stones.
4	G	25	7	13	5	Pis. 4		Cut, and lay Quick-sets.
5	a	26	7	11	5	17		Sow Asparagus, Beans, Pease, Radish, Parsnips,
6	♋	Shrove. S.	7	9	5	Aries 0		Carrots, Onions, and Garlick.
7	C	27	7	7	5	12		
8	D	Shrove T.	7	5	5	24		
9	E	Bpa. A & ae	7	3	5	Taur. 6		Plant Cabbage-plants, Potatos, Colly-flowers, Parsley, Spinage, and other hardy Pot-herbs.
10	F	both Uni.	7	1	5	18		
11	G	Sol in Pis.	6	59	6	Gem. 0		
12	A	Term E.	6	57	6	11		
13	♍	☿ S. in L.	6	54	6	2		Cleanse your Trees from Moss, and Canker; Earth up the uncovered roots of Trees. Begin to Graft for Apples, Pears, Cherries, Plumbs, &c.
14	C	Valentine	6	52	6	Canc. 6		
15	D	4	6	50	6	18		
16	E	Emb. week	6	48	6	Leo 1		
17	F	6	6	46	6	14		
18	G	7	6	44	6	28		
19	a	8	6	42	6	Virg 13		Continue Vermine-traps. Begin to make your hot-bed for the first Melons, and Cucumbers. Cut off the webs of Caterpillars, from the tops of Twigs, and Trees. Gather Worms in the evening after Rain.
20	♎	☿ S. in L.	6	40	6	27		
21	C	10	6	38	6	Lib. 11		
22	D	11	6	37	6	25		
23	E	Ash	12	6	35	6	Scor. 10	
24	F	S. Matth. 21	6	33	6	25		
25	G	14	6	31	6	Sag. 9		
26	A	15	6	29	6	23		
27	♏	☿ S. in L. 16	6	27	6	Cap. 7		Sow Alaternus-seed, in Cases, or open Beds well covered with Thorns, or Bryars.
28	B	17	6	25	6	20		
29	C	18	6	23	6	Aq. 4		

Foul weather is no news; Hail, Rain, and Snow,
Are now expected, and esteem'd no woe:
Nay, 'tis an Omen bad, the Yeomen say,
If *Phœbus* shews his Face the second day.
Colds now are plenty, Ague fits are rife;
And Fevers (though more rare) endanger life.
Mean time the Lawyer, eager at his sport,
Gaddes up Coys from them that cares not for it.
'Tis strange to see how climbe Mens genius alter,
He that at home did spare, patch, pris, and palter;
And had no pence to give the Poor, or lend,
Gamnow at *Westminster* bread-pieces spend.
Hilarus will speed, when Charity's said nay;
The Country-Counsellors post fast away,
(The middle of this Month) home-bound with Gold,
Which Neighbour Widgeon had, but could not hold.
Who now in rage devoure them as a prize,
To the next Padder that in Ambush lies.

March

New Moon the 4th day, 7 m. past 10 in the morning.
First quarter the 12th day, 43 m. past noon.
Full Moon the 19th day, 2 m. past 7 in the morning.
Last quarter the 26th day, 50 m. past 8 in the morning.

										Use stercorations, and
1	H	David	19	8	10	6	Aq.	1	upon the beds, Melons, Cu-
2	A		20	5	38	6	Pisc.		cumbers, Gourds, &c. Sow
3	B		21	5	36	6		15	slip, and set Sage, Rosem-
4	C		22	5	34	6		25	ary, Lavender, Thyme, &c.
5	D	4 S. in L.	23	5	31	6	Aries	8	Sow Endive, Scurvy,
6	E		24	5	29	6		22	Lettuce, Radish, Beets, Chard-
7	F		25	5	27	6	Tau.	5	Beet, Parsnips, Skirrets, Bur-
8	G		26	5	25	6		19	net, Sorrel, Borage, Rocket,
9	A							26	Cresses, Sellery, Smallage,
10	B	Sept.					Gemi	3	Alisanders, &c.
11	C	Sept.						20	Sow also Lettuce, Onions,
12	D		29	5	18	7			
13	E	5 S. in L.	5	4	7		Cancr.	5	Garlick, Chives, Parsley
14	F	Aries	1	5	54	7		14	Turnips, Pease, Carrots,
15	G		2	5	52	7		26	Cabbages, Cresses, Fennel,
16	A		3	5	50	7	Leo	9	Marjoram, Basil, &c.
17	B		4	5	48	7		23	Transplant medicinal
18	C		5	5	46	7	Virgo	6	Herbs, and Asparagus roots.
19	D		6	5	44	7		21	Beet-chards sown in August.
20	E	Palm Sund	7	5	42	7	Libra	5	Dress, and string Straw-ber-
21	F		8	5	40	7		20	ry-beds. Stake, and bind
22	G		9	5	38	7	Scor.	5	up weak Plants.
23	A		10	5	36	7		20	Sow Pinks, Sweet Williams,
24	B		11	5	34	7	Sagit.	5	Carnations, Pine-kernels,
25	C	Fast	12	5	32	7		19	Fir-seeds, and Bays.
26	D	Good Fri-day	13	5	30	7	Cap.	3	Plant Spanish, and ordina-
27	E	Easter-day	14	5	28	7		17	ry Jasmine, and Anemony
28	F		15	5	26	7	Aq.	1	roots. Transplant Carnati-
29	G		16	5	24	7		14	ons, Seed-lings, and Fibrous
30	A		17	5	22	7		27	roots.
31	B		18	5	20	7	Pisc.	9	Fence your choice Anemo-
			19	5	18	7		22	nies, Auriculas, &c.

Toffs will meet; I now had been as fools
Some new Incents; but thy triumphant Leeks
Inspires me with rank notions, (that (methinks)
My Lungs and Wind-pipe have no empty chinks,
If Money now durst bark against our Nations,
We would him choak with sullome pulsations.
And if that Devil on our Lips do play,
We'l send him with a stinking-breath away.
Th' Cuckow comes, she's mouth with smell of Leeks,
So that she shall not sing for certain weeks.
Yet hide the pretty Choristers of th' Wood,
Having rooting'd the new sown Fields for Food,
Do warble out their various notes, and sing
Melodious Anthems to their heavenly King.
Sweet Creatures! they are pleas'd much th' Present time,
They fear no want, no danger, nor offence,
And shall not we thus live by Faith excell,
In confidence, such as in Bushes dwell?

April

New Moon the [illegible] day, [illegible] min. past [illegible] in the morning.
First quarter the [illegible] day, [illegible] min. past [illegible] in the morning.
Full Moon the [illegible] day, 19 min. past [illegible] in the morning.
Last quarter the [illegible] day, [illegible] min. past 6 in the evening.

2	F		19	5	16	7	Aries 4	Sow Manchet, [illegible]
3	G	Low-sund.		5	14	7	17	Basil, Thyme, [illegible]
4	A		21	5	12	7	29	and Sotery-grass, [illegible]
5	B		22	5	10	7	Tau. 11	fennel, Hyssop, [illegible]
6	C		23	5	8	7	23	flowers, Hyssop, [illegible]
7	D		24	5	6	7	Gem. 4	thy gold, Cyons, [illegible]
8	E		25	5	4	7	18	Garden-parsley, [illegible]
9	F		26	5	2	7	28	Scabious, Basil, [illegible]
10	G	5 S. aft. E.		5	0	7	Cancer 12	Succory, [illegible]
11	A		28	4	58	7	22	Plant Melons, [illegible]
12	B		29	4	57	7	Leo 4	bers, and other slipped [illegible]
13	C	Term beg.		4	54	7	18	cuttings, Lavender, Thyme,
14	D	Taur.	1	4	53	8	Virg. 1	Rosemary, &c.
15	E		2	4	51	8	15	Set French-beans. Gathe
16	F		3	4	49	8	29	out Worms, and Snails, o
17	G	3 S. aft. E.		4	47	8	Lib. 14	rainy evenings.
18	A		5	4	45	8	29	Transplant, and remove
19	B		6	4	43	8	Scor 14	tender shrubs, such as Spa
20	C		7	4	41	8	29	ish Jasmines, Myrtles, Ole
21	D		8	4	39	8	Sag. 14	anders, young Orange
22	E		9	4	38	8	29	Pomegranates, &c.
23	F	A	10	4	36	8	Cap. 13	If winds be past, clip a
24	G	C. Cr.		4	34	8	27	ter showers, Phylirea, Ala
25	A		12	4	32	8	A q 11	ternus, Cypress, Box, Myr
26	B	S. Mark, E.		4	30	8	24	tles, Barba-jovis, and othe
27	C		14	4	29	8	Pisc. 6	tonsile shrubs.
28	D		15	4	27	8	19	
29	E		16	4	25	8	Aries 1	
30	F		17	4	23	8	13	
31	G	5 S. aft. E.		4	21	8	26	

No bluſt'ring [illegible] from [illegible]
His own [illegible] to [illegible]
Yet [illegible] ([illegible] so [illegible])
His [illegible]
Nothing more welcome now then kindly ſhowers,
T' enrich the earth with Grain, Graſs, Fruits, and Flowers.
So [illegible] Seed and Tears
[illegible]
[illegible] this Month bears ſway,
[illegible] th' honour, th' [illegible] th' Gold away.
The Knights are ſplendid in their pomp and train,
But Mammon with the Gown-men doth remain.
Come home poor ſimpleton, and let them prate,
Feed not the Cormorants with thine Eſtate.
What's given is well laid up, but what is ſpent
To breed thy ſelf, and Neighbours diſcontent,
Is worſe beſtow'd then if't were caſt away
Into the bottomleſs devouring Sea.

	May-day	9	10	1	Cap.	7		Sow Earth, Hyacinths, Bulbous
		21	9	7				
		31	8	7				
	Assen. day	3	7	7				
		13	6	7				
		23	5	7				
		33	4	7				
	2 S. after Ir.	43	3	7				
	Term end.	53	2	7	Leo			
		7	1	8				
		17	0	8				
		27	59	8				
		37	58	8				
	Rogat. Gaud.	47	57	8	Virg.	10		Plant
		57	56	8				
		14	5	8				
		24	4	8	Libra	8	Waters,	Cut, Place
	Whit-sunday	34	3	8		22	Weeds before they	seed.
		43	59	8	Scor.	7	Give your housed Plants	
		53	58	8		22	fresh Earth, an handful,	
	Emb. week	3	57	9	Sagit.	7	so deep; loosening the ro	
		13	56	9		22	with a Fork, without wound	
		23	55	9	Cap.	7	ing the Root; let this fre	
		33	54	9		22	Earth be very rich, and	
	Trinity S.	3	53	9	Aq.	6	fine as to fall	
		13	52	9		20	Shade your Carnations	
		23	51	9	Pisc.	3	and Gilly-flowers, after	
		33	50	9		16	noon.	
		43	49	9		28	Plant also Stock-gilly	
	Trin. beg.	53	48	9	Ar.	10	flowers in Beds, at full	
		63	47	9		22	gather Anemony	seeds.
	1 S. aft. Tr.	73	46	9	Taur.	4	Take up dryed Tulips	
	K.C. 2 E. K.	83	45	9		16	and cover such as are bur	
		93	44	9		28		
		103	43	9	Gem.	10		

Welcome most pleasant Season of the Year,
The little Lambs now frisk it without fear,
The Woods look green, Birds whistle out their notes,
And banish sorrow by their chirping Votes.
Yellow be Clad with Flora's Livery,
Delights the meditating walkers Eye.
The simpler's now a Simpleton indeed,
That cannot on the Herbs God's goodness read.
The Milk-maid sings, while Cherry chews her Cud,
And by her looks declares, her Pasture's good.
All this is in the Vale of Tears below,
But who will see the true Elyzium show?
Which poor blind Poets mar'd with phancies wild,
And by their carnal Sentiments defil'd?
That glorious blis-ful place, that's always green,
Though barren Fruit in full perfection seen;
Where Angels and the blessed Saints above,
Sing perfect consort in high strains of Love.

New Moon the 1st. day, 10 min. past 9 in the morning.
First quarter the 8th. day, 36 m. past 5 in the morning.
Full Moon the 15th. day, 26 m. past 5 in the evening.
Last quarter the 22d. day, 44 m. past 8 in the evening.
New Moon the 31st. day, 42 m. before mid-night.

			H M H			
1	2	☉ Eclipse	3 42 9	Gem.	1	Sow Lettuce, Chervil, Ka-
2			21 3 42 9	Canc.	4	dish, &c.
3			22 3 42 9		16	Cleanse Vines of exu-
4		S. ait. Tr.	3 43 9		28	berant branches, stopping the
5			3 43 9	Leo	1	growth. Inoculate
6			24 3 41 9		24	cocks, Peaches, Cher-
7			25 3 41 9	Virg.	6	ries, Plums, Apples, and
8			26 3 41 9		20	Pears, &c.
9			27 3 41 9	Lib.	3	Gather Herbs at the ri-
10			28 3 41 9		17	dry them in the Sun.
11			29 3 41 9	Scor.	1	Prune. Distill Aromatick
12		S. Barnab.	3 41 9		16	Plants. Water plants
13		Canc.	13 41 9	Sag.	1	Trees, and put half-grown
14			23 41 9		16	Vern about their stems.
15		Term end	3 41 9	Cap.	1	Transplant Annuals
16			43 41 9		16	Cyclamens & gather the ripe
17			53 41 9	Aqu.	0	seed of choice Flowers. Inoc-
18			63 41 9		14	ulate Jasmine Roses, and
19		S. ait. Tr.	3 41 9		28	rare shrubs.
20			83 42 9	Pisc.	12	Take up your rarest Ane-
21			93 42 9		25	monies, Ranunculus's, Tulip-
22			103 43 9	Aries	7	bulbes; and all such Plants,
23			113 44 9		19	and Roots as endure not
24			123 44 9	Taur.	1	well out of the Ground,
25		Midsum.	3 45 9		13	and Plant them again.
26		S. ait. Tr.	3 45 9		25	
27			153 46 9	Gem.	7	
28			163 47 9		19	
29		Fast	173 48 9	Canc.	1	
30		S. Peter	3 49 9		13	
			193 50 9			

The days are roaming in their utmost length,
Resplendent Sol lending them heat and strength.
Yet must he not one Night with us abide,
But gilds the Globe upon the Counter-side.
Yet when he has hath measured our longest day,
Insensibly he causes a decay.
Till his returning days wane from lowest drain,
Then he in Shadows as we pear no again.
Constant he is, but yet in variations;
Changing and course with infinite mutations;
Thus is the best things of this lower World,
Sometimes this way, sometimes that way hurl'd.
Nations change their Horizon and do fly
From one into another frequently.
Yet Wealth departs off with the Child to stay,
Though from the Sire it would not be kept away.
Be then above the Sun you lay your treasure,
Tribe for we enjoy it above all measure;

T.le

First Quarter the 8th. day, 13 min. past 10 in the M
Full Moon the 15th. day, 23 min. past 1 in the Morn.
Last Quarter the 22d. day, 33 min. past Noon.
New Moon the 30th. day, 37 min. Afternoon.

				H.	M.	H			
1	♃		20	3	51	9	Can.	25	Sow Lettice, Radish, &c
2	♂	6. S. aft. Tr.	3	52	9	Leo.	8	for tender Sallating, and
3	☉		22	3	53	9		20	later Peases; water young
4	☿		32	3	54	9	Virg.	3	planted Trees, & Layers;
5	♀		24	3	55	9		17	prune Apricocks, & Ne
6	♂		25	3	56	9	Libr.	0	ches, bring the mother
7	♃		26	3	57	9		18	Shoots well placed
8	♄		27	3	58	9		27	Let such Quitors, Heads
9	☉	7. S aft. Tr.	3	59	9	Scor.	2	run to seed, in your Pots
10	☿		29	4	0	8		20	and Slip Stocks and
11	☿	☉ In Leo.	4	2	8	Sag.	10	their Tissons. Plant out
12	♀		1	4	3	8		24	flowers, lay Mossing and
13	♂		2	4	4	8	Capr.	9	other curious greens, for
14	♃		3	4	6	8		2	Gilly flowers and Carna-
15	♄	Swithin	4	4	7	8	Aqu.	9	tions, or increases, water
16	☉	8. S. aft. Tr.	4	4	8	8		23	young planted Shrubs &
17	☿		6	4	10	8	Pis.	6	Layers; clip Box (grow-
18	☿		7	4	11	8		20	ing out of order) after
19	♀	The Dog-	4	12	8	Ari.	3		rain. Still cut off wither-
20	♂	dayes be-	4	13	8		15		ed stalks of flower flowers;
21	♃	gin.	4	15	8		27		water your gravel walk
22	♄		11	4	17	8	Taur	9	in the dryest season with
23	☉	9. S. aft. Tr	4	18	8		21		brine, pot-ashes, and wa-
24	☿		13	4	20	8	Gem.	3	ter, or a decoction of To-
25	☿	S. Jam. Ap.	4	22	8		15		bacco-refuse, to destroy
26	♀		15	4	23	8		27	worms & weeds. Stop the
27	♂		16	4	25	8	Canc.	9	exuberant Shoots of Vines
28	♃		17	4	27	8		21	at the second joynt above
29	♄		18	4	28	8	Leo	4	the fruit.
30	☉	10. S. aft. Tr	4	30	8			17	
31	☿		20	4	32	8	Virg.	0	

Expect a sight no less frightful,
Though Phœbus to retreat,
Tout'ard the Ocean Phœbus strikes,
He should be before that thing has struck,
Sudden flame blazes forth big with death,
Which bears down all before it,
And finding Iff blazes quite out,
Spins out great flakes of burning fire.
Then grows the Sun as red as blood,
Wanderers were tormented thus.
Some get but single, all danger is past,
Oft find their shoes deceive at last,
When they go like they sport and play,
As if all were fled away;
The flames begin to fall,
Within their flesh the fatal fall.
The scorching flames their souls receive,
Before their bodies find a grave.

First Quarter the 6th day, 59 min. past 2 afternoon.
Full Moon 13th day, 2 min. past 11 before noon.
Last Quarter the 21. day, 10. min. past 6 in the m.
New moon the 28th. day, 22 min. past 9 at night.

			H.	M.	H.			
1	C		20	4	34	8	Virg.	18
2	D		21	4	36	8		27
3	E		22	4	38	8	Lib.	10
4	F		23	4	40	8		24
5	G		24	4	41	8	Scorp.	8
6	A	11.S.aft.Tr		4	43	8		22
7	B		26	4	45	8	Sagit.	6
8	C		27	4	46	8		20
9	D		28	4	48	8	Capr.	5
10	E	Lawrence.		4	50	8		19
11	F	☉ ent. virg.		4	52	8	Aqu.	18
12	G		1	4	54	8		17
13	A	12.S.aft.Tr.		4	56	8	Pisc.	1
14	B		3	4	58	8		14
15	C		4	5	0	7		28
16	D		5	5	2	7	Aries	10
17	E		6	5	4	7		23
18	F		7	5	6	7	Tau.	5
19	G		8	5	8	7		17
20	A	13.S.aft.Tr.		5	10	7		29
21	B		10	5	12	7	Gem.	11
22	C		11	5	14	7		23
23	D		12	5	16	7	Canc.	5
24	E	S. Barth. A.		5	18	7		17
25	F		14	5	20	7		29
26	G		15	5	22	7	Leo	11
27	A	Dog-d.end		5	24	7		25
28	B		17	5	26	7	Virgo	8
29	C		18	5	28	7		22
30	D		19	5	30	7	Libra	6
31	E		20	5	32	7		22

Inoculate early, prune off superfluous branches, and shoots of the second Spring. Pull up Sucklers, low Radish, tender Cabages, and Colliflowers for Winter Plants. Sow Corn, fallet, Marygolds, Lettuce, Carrets, Parsnips, Spinage, Onions, curled Endive, Angelica, Scurvygrass, Iris's, Larks-heel, Candytuft, Columbines, Scarlet-coloured Fox-gloves, Holy-hocks, & such plants as endure Winter. Transplant such Lettuce as you thought have stood all Winter; pull up ripe Onions and Garlick, &c. Gather olitory seeds; clip such herbs before the full as a handful high. Plant Anemonies, slip Gilly-flowers; gather seeds of shrubs being ripe. Take up bulbes of Lillies. Remove and lay perennial greens, Oranges, Lemons, Myrtils, &c. Sow Persian, Chard-beet, Chervile; make Summer-Cyder, and Perry.

August bears great Augustus's name,
Who did the Roman Empire frame.
When he [* Julius Cæsar.] *who the materials got,*
Was hindred by a deep-laid plot,
That while Life he could not rear,
The Structure that cost him so dear.
So oft it falls, that they who take
The greatest pains, do only make
Another Market, who inherits
The fruit of all their toyls and merits.
Yet should we not discouraged be,
But as the Husband-man we see,
Sowing much Seed, when Corn's not cheap,
A vaster quantity to Reap,
(Who many months with patience stays,
And for Heav'ns blessed influence prays:)
At length hath such a goodly Crop
As answers, yea, exceeds his hope;
So those that to the Spirit saw,
Home with their Sheaves do joyful goe.

First Quarter the 4th. day, 48 m. past 7 in the Even.
Full Moon the 11th. day, 28 m n. before midnight.
Last Quarter the 20th. day, 26 m. before 1 in the mo.
New Moon the 27th. day, 16 min. past 11 in Morn.

			H.	M.	H			
1	f	20	5	35	7	Scor.	4	Gather your ripe Winter-Cucumbers, dry weather, sow Lettice, Radish, Spinage, Parsnips, Skirrets, Cauliflowers, Cabbages, Onions, Scurvy-grass, Annised, and Winter-cresses.
2	g	21	5	37	7		19	
3	a	15.S.aft Tr.	5	39	7	Sag.	3	
4	b	23	5	41	7		17	
5	c	24	5	43	7	Capr.	1	
6	d	25	5	45	7		15	
7	e	26	5	47	7		29	
8	f	27	5	49	7	Aqu.	13	Transplant most sorts of excellent and physical herbs, Artichocks, Sparagus roots, and Strawberries out of the wood. All sorts of plants, as Apples, Hellebor, Camomil, &c. also Capricants, Marigolds, Violets, Primeroses.
9	g	28	5	51	7		26	
10	a	16.S.aft. Tr	5	53	7	Pisc.	10	
11	b	☉ ent. Lib.	5	56	7		23	
12	c	1	5	58	7	Ari.	7	
13	d	2	6	0	6		19	
14	e	Exal. Cruc	6	4	6	Tau.	2	
15	f	4	6	2	6		13	
16	g	5	6	6	6		28	
17	a	17.S.aft. Tr	6	9	6	Gem.	9	
18	b	7	6	11	6		19	Bind your Autumnal Flowers and Plants to sticks, set such Plants into the earth (as will not endure the house) in pots 2 or 3 inches lower than the surface of the earth Southernly exposed.
19	c	8	6	13	6	Canc.	1	
20	d	Ember w.	6	15	6		13	
21	e	S. Matt. Ap.	6	17	6		25	
22	f	11	6	19	6	Leo	7	
23	g	12	6	21	6		20	
24	a	18.S.aft. Tr	6	23	6	Virg.	3	
25	b	14	6	25	6		17	
26	c	15	6	27	6	Libr.	1	About *M. chaelmas* (the weather being fair and not foggy) remove your choyce Plants, and rarest greens (being dry) as Oranges and Lemmons, *Indian & Spa* Jasmine, &c.
27	d	16	6	29	6		15	
28	e	17	6	31	6		29	
29	f	S. Mich. Ar.	6	33	6	Scor.	14	
30	g	19	6	35	6		29	

My Muse is dull: The Heliconian Fount
Cools by Autumnal gusts that blow upon't.
The glorious Luminary of the year,
Rides o'ra the Equinox, full cast over
Towards the Tropick of the Goat he hies,
Leaving the Northern Signes of the skies;
Both for the best and basest of earthly things,
(The Suns of mighty Emperors, and Kings)
Vastes objects to mes-sure of state,
Changes and chances, yea, deadly blows of fate.
Proud Babel is by Persia overcome;
Thus by the Greeks, and Greeks by Romes,
Whose Empire being into pieces rent,
Is with Germans, and barbrous Alemains bent.
Who can tell, how such as Ramp and Ruffle;
May hereafter trample on, Tr'ey and their Tuffle.

First Quarter the 4th. day, 15 min. past 2 Morning.
Full Moon the 11th. day, 39. min. past 2 aftern.
Last Quarter the 19th. day, 49 min. past 6 Even.
New Moon the 26th. day, 39 min. past 9 at Night.

			H.M.H			
1	✠	19.S.af.Tr.	6 38 6	Sag.	13	Trench ground for
2	b		21 6 40 6		28	Orcharding and Ki-
3	c		22 6 42 6	Cap.	12	chin-garden. Plant
4	d		23 6 43 6		26	fruit-trees of all sorts,
5	e		24 6 46 6	Aqu.	10	when they have lost
6	f		25 6 48 6		24	their leaves. Let your
7	g		26 6 50 6	Pisc.	8	Wall-trees be of above
8	✠	20.S.aft Tr	6 52 6		19	one years grafting.
9	b		28 6 54 6	Ar.	2	Use ablaqueation, &
10	c		29 6 56 6		19	laying bare the roots of
11	d	☉ ent.Sco.	6 58 6		27	old untoward, or ca-
12	e		1 7 0 5	Tau.	9	ver-rusty blooming
13	f		2 7 2 5		21	trees. Gather fruit, the
14	g		3 7 4 5	Gem.	3	the Moon decreasing.
15	✠	21.S.aft.Tr.	7 6 5		15	Plant and plash Quick-
16	b		5 7 8 5		27	sets
17	c		6 7 10 5	Can.	9	Sow all stony & hard
18	d	S.Luk.Eva.	7 12 5		21	kernels and seeds, as
19	e		8 7 14 5	Leo.	3	Plums, Cherries, Nuts,
20	f		9 7 16 5		15	Ash-keys, Almond-
21	g		10 7 18 5		28	stones, &c. Sow Let-
22	✠	22.S.aft.T.	7 20 5	Vir.	11	tace, make winter-
23	b	Term beg.	7 22 5		25	Cyder. Sow as in
24	c		13 7 24 5	Lib.	9	*September*. Plant choice
25	d		14 7 25 5		23	Tulips
26	e		15 7 27 5	Scor.	8	Plant some Anemonies,
27	f		16 7 29 5		23	and Ranunculus's in
28	g	S.Sim.&Ju.	7 31 5	Sag.	8	fresh sandy earth, taken
29	✠	23 S.aft.Tr.	7 33 5		23	from under the turff
30	b		19 7 34 5	Cap.	8	Retire Carnations, &c.
31	c		20 7 36 5		22	

Our Country-Dolt, who hath his Suits depending,
Impatient tell the long Vacation's ending;
Having both reap'd his Fields and rob'd his Barn,
And sore 'ith Wife to sell her Woolled yarn,
Crams all into a Purse, and up he hies,
Where he is welcom'd in this cunning wise;
Your Servant Sir, I'm glad to see you here,
Your honest business runs on calm and clear;
The ablest Counsel money can procure,
Give us in black and white, all's safe and sure.
Your Declaration is so purely drawn,
That on your side my very head I'l pawn.
Sure 'e not so good a Cause; Now that you have
A way to be reveng'd both safe and brave;
Be sure to lay on load, and spare no cost,
For not a Penny of it shall be lost.
The Fool enflamed with such hopes as these,
Sticks not at double, nor yet treble Fees;
And if you long what's his success to know,
Another page the same shall quickly show.

First Quarter the 2d. day, 6 min. past Noon.
Full Moon the 10th. day, 49 min. past 8 in the mor.
Last Quarter the 18. day, 2 min. past Noon.
New Moon the 25th. day, 52 min. past 7 in the Mo

			HM.				
1	d	All Saints.	7	38	5	Aqu. 6	Term ends. Plant and mingling it
2	e	All Souls.	7	39	5	20	ground, and mingling it with earth, lay it in ridges for the Spring.
3	f	23	7	41	5	Pisces 3	Trench and fur ground
4	g	24	7	42	5	16	for Artichocks; set and
5	A	Pow. Tra.	7	44	5	29	plant Trees standard, or
6	b	26	7	46	5	Aries. 12	mance, furnish your Nur-
7	c	27	7	47	5	24	sery with stocks for grafting. Sow and set Beans and Pease. Lay in Cellars (to be transplanted in the Spring) Seed, Carrots, Parsnips, Turnips, Cabbages, and Colly-flowers. Gather your last Orchard-fruit dry; dig up your Potatoes as clean as you can.
8	d	28	7	49	5	Tau. 6	
9	e	29	7	50	5	18	
10	f	Dens. Sa.	7	52	5	Gem. 0	
11	g	1	7	54	5	12	
12	A	25.S. Tr.	7	56	5	24	
13	b	3	7	57	5	Cancr. 6	
14	c	4	7	58	5	18	
15	d	5	8	0	4	Leo. 0	
16	e	6	8	2	4	12	
17	f	7	8	3	4	24	
18	g	8	8	4	4	Virg. 7	
19	A	26.S. af. Tr.	8	5	4	20	Crop Asparagus, and cover it with long dung, or make beds to plant in the Spring. Sow Auricula-seed. Cover Peeping-Ranunculus's, &c. Plant Tulips under shelter, the earth not too rich.
20	b	10	8	7	4	Lib. 3	
21	c	11	8	8	4	17	
22	d	12	8	9	4	Scor. 1	
23	e	13	8	10	4	16	
24	f	14	8	11	4	Sag. 1	
25	g	15	8	12	4	16	
26	A	27.S. af. Tr.	8	12	4	Cap. 1	Plant Forrest-trees for Walks, Avenues & Groves. Plant fibrous roots, Roses, Althæa frutex, Lilax, Syringas, Cytisus, Peonies, &c.
27	b	17	8	13	4	16	
28	c	Term ends	8	14	4	Aqua. 1	
29	d	19	8	14	4	16	
30	e	S. And. Ap.	8	15	4	29	

The Goose-cap's Cause to hearing comes at last,
And by the Jury he is roundly cast:
The Adversaries Counsel forth with pray,
Cost may be paid them, e're he part away.
But the wise Court, more pittiful than so,
Gives him some time, and lets him home and goe.
Mean time the Peny-pigger cry's amain,
"Lose not so good a Cause, but try again.
"Those oft recover that at first miscarry;
"(Nothing among us is more ordinary).
"Are this, I never saw a Panel saw,
"Not Verdict brought so contrary to Law?
"Your whereas Witness, if the Jury heard him,
"Did swear as deeds, but they did not regard him.
"Mine your spiritual, the *Rustick* cry,
"But where (alas!) shall I have fresh supplies?
"My money's quite consumed, my means gone:
"How should I then another Suit bring on?

First Quarter the 2d. day. 4. min. past 2 in the mor.
Full Moon the 10 h. day, 4 min. past 4 in the mor.
Last Quarter the 18 day, 5 min. past 3 in the morn.
New Moon the 24th day, 14 min. past 6 in the even.
First Quarter the 31. day, 57 min. past 6 in the even.

			H.	M.	H.
1	f		20	8	16 4
2	g		21	8	16 4
3	a	Advent. S.	8	8	17 4
4	b		23	8	18 4
5	c		24	8	18 4
6	d		25	8	18 4
7	e		26	8	18 4
8	f		27	8	19 4
9	g		28	8	19 4
10	a	2. S. in Adv.	8	8	19 4
11	b	Shortest day.	8	8	19 4
12	c	☉ In Cap.	8	8	19 4
13	d		8	8	19 4
14	e		8	8	19 4
15	f		8	8	19 4
16	g		8	8	18 4
17	a	3. S. in Adv.	8	8	18 4
18	b		8	8	17 4
19	c		8	8	17 4
20	d	Ember wee	8	8	17 4
21	e	S. Tho. Ap.	8	8	16 4
22	f		8	8	16 4
23	g		8	8	15 4
24	a	4. S. in Adv.	8	8	14 4
25	b	Nat. of Chr.	8	8	14 4
26	c	S. Stephen.	8	8	13 4
27	d	S. John	8	8	12 4
28	e	Innocents.	8	8	12 4
29	f		18	8	11 4
30	g		19	8	10 4
31	a		20	8	9 4

Pisc.	1	Prune and nail fan-
	26	dard-trees, & mark fruit.
Aries.	2	Plant Vines & fruits for
	21	grafting. Sow pease. Pressing
Tau.	8	of Cider-presses. Fill
	16	Nurseries. Set all sorts of
	27	kernels, stones, &c. Sow
Gem.	9	early Beans and Peas.
	28	Trench ground & dung
Canc.	12	it for borders. Plant
	15	fruit-trees, &c. Turn and
	27	refresh Autumnal fruit,
Leo.	9	opening the Windows
	12	on a clear day.
	15	Use hostility against Ver-
Virg.	7	mine by Traps, &c.
	16	Preserve your choycest
	19	Anemonies, Carnations,
Lib.	12	&c. from great rain and
	28	frost. Let the door and
Scor.	10	windows of your Conser-
	25	vatory be well matted, &
Sag.	9	guarded from piercing
	24	eyre. Temper the Aire
Capr.	10	with a little Charcoale,
	25	put into a hole sunk a lit-
Aqu.	10	tle into the midle of the
	24	floor. Set Bay-berries,
Pisc	8	dropping ripe. Co-
	22	ver your fountain-pipes
Aries	9	with fresh & warm Lit-
	18	ter out of the Stable, &c.

Short days and cold, but long and colder nights,
Enough with their great rigor to affright's.
Save that we were enur'd to it before,
We had begun with trembling on our store.
A long dead time's begun, and doubtless cruel
In Mows of Corn and Hay, and stacks of Fewel.
But blest Jehoiad, who knows in what we live,
And great supplies in Summer did us give.
Yet take we heed, lest we in riot spend
That which was sent us to a better end.
If we in Christmas, Game away our stock,
Whereby we might relieve Christs wanting Flock;
If we Feast and Riot, while the poor
Are ready to be starved at our door:
I wonder if the mighty Lord of Heaven,
Whom these Earth'ly things were freely given,
Will heavy on their Persons and Estates,
Which put them to the uses that he hates.

I. A Table shewing the beginning, continuance, and ending of the several Reigns of the Kings & Sovereign Queens since the Conquest (useful for understanding Records, Deeds, and Leases) with the years expired since their Reigns.

The names of the Kings and Queens.	The year of our Lord when they began their Reigns.	The day of the month that their Reigns began.	Space of time which every one Reigned.			The year of our Lord when they dyed.	The month & day when they dyed.	The years since their Reigns.
			ye.	mo.	da.			
Will Conqueror	1066	Oct. 14	20	11	22	1087	Sep. 9	384
Will. Rufus	1087	Sept. 9	12	11	19	1100	Aug. 2	371
Henry the first	1100	Aug. 1	35	04	19	1135	Dec. 1	341
Stephen	1135	Dec. 2	18	11	29	1154	Oct. 25	321
Henry II.	1154	Oct. 25	34	09	02	1189	July 6	287
Richard I.	1189	July 8	10	09	22	1199	April 6	277
John	1199	April 6	17	07	00	1216	Oct. 19	260
Henry III.	1216	Oct. 19	56	02	00	1272	Nov. 16	204
Edw. the first	1272	Nov. 16	34	08	06	1307	July 7	169
Edw. second	1307	July 7	19	07	05	1326	Jan. 21	149
Edw. the third	1326	Jan. 25	50	05	01	1377	Jun. 21	299
Richard II.	1377	Jun. 21	22	03	14	1399	Sept. 29	277
Hen the fourth	1399	Sep. 29	13	06	03	1412	Mar. 20	263
Henry the fifth	1412	Mar. 20	09	05	14	1422	Aug. 31	254
Hen. the sixth	1422	Aug. 31	38	06	16	1460	Mar. 4	215
Edward IV.	1460	Mar. 4	22	01	08	1483	April 9	193
Edw. the fifth	1483	April 9	00	02	18	1483	Jun. 22	193
Rich the third	1483	Jun 22	02	08	05	1485	Aug. 22	191
Henry VII.	1485	Aug. 22	23	10	16	1509	Apr. 22	167
Henry VIII.	1509	Apr. 22	37	10	02	1547	Jan. 28	128
Edw. the sixth	1547	Jan. 28	06	05	19	1553	July 6	123
Queen Mary	1553	July 6	05	04	22	1558	Nov. 17	118
Q. Elizabeth	1558	Nov. 17	44	04	16	1602	Mar. 24	73
King James	1602	Mar. 24	22	00	03	1625	Mar. 27	51
K. Charls I.	1625	Mar. 27	23	10	03	1648	Jan. 30	27
K. Charls II.	1648	Jan. 30	Long live the King.					

The beginnings and ends of the Terms this year at *Oxford*, according to the Scheme in their printed Statutes, with the *dies nefasti*, (as they are called,) wherein they dispute not in *quodlibeticis*.

Hillary Term.	Begins *Jan.* 14. Ends *March* 18.	*dies nefasti*	*Jan.* 19. 24. *Feb.* 1. 11. 21. 23. 27. *Mar.* 6. 11. 16. 19. 24.
Easter Term.	Begins *April* 5. Ends *May* 9.	*dies nefasti*	*April* 22. 24. 28. 30. *May* 2. 5.
Trinity Term.	Begins *May* 24. Ends no certain day.	*dies nefasti*	*Jun.* 7. 10. 15. 23. 28. *July* 1.
Michael Term.	Beg. *Oct.* 10. End. *Dec.* 17.	*dies nefasti*	*Octob.* 12. 17. 27. 31. *Nov.* 5. 7. 10. 15. 19. *December* 5.

III. The Latitude of many eminent place in *England* and *Wales*, very useful for Dyallists.

	D	M		D.	M		D	M
S. Albanes	51	35	Flint.	53	17	Northamp.	52	[illegible]
Anglesey.	53	28	Guilford.	51	17	Norwich	52	42
Barmouth.	52	52	Glocester	51	53	Nottingh.	53	00
Barwick.	55	45	Grantham.	52	58	Oxford.	52	00
Bedford.	51	58	Hallifax.	53	45	Pembrook.	51	40
Boston.	53	01	Hartford	51	49	Penrith.	54	42
Brecknock.	52	01	Hereford.	52	14	Preston.	52	00
Bristol.	51	17	Hull.	53	15	Radnor.	52	39
Buckingh.	52	00	Huntingt.	52	19	Reading.	51	28
Cambridge.	52	15	Ipswich.	52	[illegible]	Rochester.	51	[illegible]
Canterbury.	51	50	Kendal.	54	[illegible]	S. Davids.	52	[illegible]
Cardigan.	52	44	Lancast.	54	00	Salisbury.	51	[illegible]
Carlisle.	54	50	Lincoln.	52	40	Shrewsbury.	52	[illegible]
Carmarthen	51	46	Liscolne.	53	25	Stafford.	52	[illegible]
Carnarvan.	53	16	Liverpool.	52	22	Southwell.	52	43
Chester.	53	20	Llandaff.	51	35	Tiverton	50	[illegible]
Chichester.	50	50	London	51	32	Waltington.	51	31
Colchester.	51	54	Manchester.	51	54	Warwick.	52	[illegible]
Coventtrea.	52	[illegible]	Monmouth.	51	51	Wigan.	53	[illegible]
Derby.	53	[illegible]	Montgomery.	52	56	Winchester.	51	[illegible]
Denbigh.	53	21	Morpeth.	52	59	Worcester.	52	[illegible]
Dorchester.	[illegible]	[illegible]	Merlin.			Yorkshire.	53	[illegible]
Durham.	54	45	Newcastle upon Tine.	54	58	Norwich	52	[illegible]
Exeter.	[illegible]	[illegible]						

A Table of the Declination of the Sun, for every degree of the Ecliptick, very useful also for the same sort of Artists.

By Christ: Ph. G. A. M. W. C.

☉	Northw. Aries		Southw. Libra		Northw. Taurus		Southw. Scorpio		Northw. Gemini		Southw. Sagit.		☉
	Deg.	of decl.	min.	Deg.	of decl.	min	Deg.	of decl.	min.	Deg.	of decl.	min.	
0	00		00	11		31	20		13	30			
1	00		24	12		52	20		26	28			
2	00		48	12		13	20		38	26			
3	01		12	12		33	20		50	27			
4	01		36	11		54	21		01	28			
5	02		00	3		14	21		12	25			
6	02		23	3		34	21		23	24			
7	02		47	13		54	21		33	23			
8	03		11	14		13	21		43	22			
9	03		35	14		33	21		53	21			
10	03		58	4		52	22		02	20			
11	04		22	15		12	22		10	19			
12	04		46	15		29	22		18	18			
13	05		09	15		48	22		26	17			
14	05		32	16		06	22		34	16			
15	05		56	16		24	22		41	15			
16	06		19	16		41	22		47	14			
17	06		42	16		58	22		53	13			
18	07		05	17		15	22		59	12			
19	07		28	17		32	23		04	11			
20	07		51	10		48	23		09	10			
21	08		13	18		04	23		13	9			
22	08		36	8		20	23		17	8			
23	08		58	18		35	23		20	7			
24	09		20	18		50	23		23	6			
25	09		42	19		05	23		26	5			
26	10		05	15		19	23		28	4			
27	10		26	19		33	23		29	3			
28	10		48	19		47	23		30	2			
29	10		09	20		00	23		31	1			
30	11		31	20		13	23		31	0			
	Deg.	of Decl.	min.	Deg.	of decl.	min.	Deg.	of decl.	min.				
	Northw. Virgo.		Southw. Pisces		Northw. Leo.		Southw. Aquarius.		Northw. Cancer.		Southw. Capri.		

The Explanation, and Use of the foregoing Table.

1. The word [Northward] over the Names of these six signs, *viz.* *Taurus*, *Gemini*, *Cancer*, *Leo*, and *Virgo*, shews, that when ever the Sun is in any of those signs his declination is ever Northward from the Equator. In like manner the word [Southward] over the rest of the signs, shews, that when he is in any of those signs, *viz.* *Libra*, *Scorpio*, *Sagittarius*, *Capricorn*, *Aquarius*, or *Pisces*, his declination is ever Southwardly.

2. The degrees belonging to the signs on the head of the Table, must be sought in the first Collumn downward, but those belonging to the signs at the foot of the Table, are to be found in the last Collumn upward.

3. To find the declination of the Sun any day in the Year, find the Suns place over against the day of the Month in the Kalender; then entering the foregoing Table, find the same sign and degrees; then if the sign be Northern, the Angle which it maketh, with the degree found, shews the degrees of declination, and the number next after it in the same line shews the minutes.

Examples.

May 15. the Suns place in the Kalender is the 4th. deg. of *Gemini*; then finding *Gemini* on the top of this Table, and 4 in the first Collumn, the Angle where they meet, gives me 21 degrees, and the next number in the same line is 01, which shews the minutes; hence I conclude that *May* 15 the Sun declines Northwardly by 21 deg. 01 min. So likewise, *July* 18. the Sun is in the 7th. deg. of *Leo*, and in the common Angle made by *Leo*, and his 7th. degree (found in the last Collumn of this Table upwards) I find 18 degrees, and the number next following in that line gives me 39 minutes.

4. But if the sign be Southern, the common Angle made by the sign, and its degree, gives the minutes, and the number next before in the same line, shews the degrees.

Examples.

Jan. 14 the Suns place in the Ecliptick is the 3. deg. of *Aqua.* Now in this Table, *Aquarius* and his 3. deg. in their common

 Angle

Angle give us 22, which are the odd minutes, and the number 19 next proceeding in the same line signifies the degrees, whence I conclude, that Jan. 14. the Sun declines 19 deg. 22 min. Southward. In like manner *Reverse* 1. The Sun being in the 21 deg. of *Scorp.* his declination from the Equator is found by this Table to be 18 deg. 4 min. Southward.

V.

A quick and easie way to extract any Root out of the highest Power, and vastest Numbers, by the help of Logarithms; newly invented, and never before the last Year Published.

THat the Facility of extracting all sorts of Roots is necessary to an Algebrist, and that no method for extraction is so easie as that by Logarithms are truths (as I take it) beyond all possibilities of denial.

The only thing that allays their excellency, is that the largest Canons (as Dr. *Hooper* in Folio) profess only by allowing to give us the Logarithm of any Number exceeding 20 Millions; and this Provision is so scanty, that without some farther invention, it cannot furnish us with the Logarithms of the Cube of 1000. The sur-cubic of 3000. The biquadratic of 12. Or the third surdicubic of 3. And I know no other that have made it his business to stint us in the first. But by the help of the Rule following, any Root may be extracted, though the Number given exceed 20 Thousand Millions, of Millions. 20 Thousand times taken for the Number, 472236648286642112000. or much larger numbers; yet by the Rule any Root designed may be truly and speedily extracted out of it.

Example.

[illegible] the Leading Figures of the Number [illegible] [illegible] given Number ([illegible]) [illegible] Index, or Exponent of the power, whose Root you seek, will give you the Logarithme of the Root sought.

Example.

Suppose I desired the Root of the 9th Power (called ordinarily the 3rd Cube [illegible] which I cannot stand to give the reasons) I find the Logarithme of the seven leading Figures, [illegible] to be 6741963, and the Index to be produced [illegible] the whole Number consists of 9 places. This [illegible] Index and all being divided by 3, (the Index of the Exponent of the Cube) [illegible] 2247321 [illegible] 6741963 [illegible] 2247321

Now [illegible] to try it by Multiplication, he will find that 2247321 multiplied makes 5049246, and that again cubiced produces the full great number.

But [illegible] would find the square root of this vast number [illegible] for the Log. [illegible] being halved, gives 10[illegible]1 for the Log. [illegible] shews, that the number to which it answers, must consist of 11 places, which no Canon of Logarithmes can come near. But this seeming difficulty is soon removed: for if you seek the root of any higher power, compounded of such a power, as the squared square, squared Cube, or squaredly squared square; the root potentially intended is by Multiplication soon produced. As for Example, if you divide the Log. 21. 6741963 by 4, (the Index of the squared square) it gives 5. 4185399 the Log. of 262244, and that being the squared square root, (or the square root, of the square root)

[illegible] 3696.

[illegible] Quotient [illegible]

[illegible] 3696.

By this kind of working you will find as followeth.

The Root.	Square	[illegible]	[illegible]
	Cubes	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]

I would have done, the first time, but for taking up too much room. One doubt however I thought proper to satisfy. Some may be inclined to think the [illegible] should be anything commensurate rather whole numbers than fractions. But the truth is, that the 15 figures belonging to the [illegible] so great a proportion to the 7 when by considering their values, as a single Farthing to 1000000 Pounds, which to any Mathematicians in the Mathematics, is thus demonstrated.

1. If a separating line were drawn after the 7 leading figures, making the [illegible] to the following 8 and turning all the 15 following into vulgar Fractions, there would be still the same proportion between the leading and followers, that there was before. As in the [illegible] 3 the five [illegible] the latter, bear the same proportion to 3, that 5 the Tyrant bears to 30 we, both a fifth part.

2. It is evident, that if a segmentrix were placed thus 4722366 | 3696 and the numbers [illegible] counted Pounds, all the Farthings will scarce reach 9 shillings 8 pence, or 464 Farthings.

3. If you divide 4722366 by 464, the Quotient will give you, for every Farthing in the Fractions, 10177 l. 10 s. 3 d.

ii

in the Integers. So that if all these 15 figures had been changed into cyphers, or other figures at pleasure (due places and Index being observed) there would have been no observable difference.

This also may be further noted, that though in this way of demonstration, I have only applyed it to a number consisting of 22 places; the grounds I go upon, demonstrate the work to be feasible, were the numbers as great as Imagination it self can frame.

VI.

Three new Problems concerning Interest, and Annuities in the Logarithmetical way.

Prob. I.

To find the time wherein a given summ of money will be encreased to any summ required, at any rate of Compound Interest.

The Rule.

Substract the Logarithme of the less summ, out of the Logarithme of the greatest. Their difference being divided by the Log. of 1 pound, and its Interest for a Year (usually called the Log. of the rate, and so I shall call it hereafter) gives the time.

An Example, by way of Answer to a Question.

Quest. *In what time will* 100 *pounds, amount to* 200, *at* 6 *per* Cent. *Compound Interest.*

Ans. In 11,974 Years, or 11 Years, 11 moneths, and 19 days, *&c.* as here appears.

Log. 1. 30302999

Log. of 100 2. 00000000

Log. of rate 2530586) Diff. 0. 30302999 (11974

2530586

12775274

12775274

20640

18902560

17714102

11884580

10122244

1402236

II.

To find the time when a yearly payment given will raise a required stock at any rate of Compound Interest.

The Rule.

Suppose the yearly payment to the Interest of a summ of Money, and find by the Rule of three, a correspondent principal; which being done, add that principal to the stock, then from the Log. of their summ substracting the Logarithme of the said principal; that difference divided by the Log. of the rate shews the time. *V. G.* 30 *l. per Annum*, will at 6 per Cent, raise a stock of 400 *l.* in 10087 years, or 10 years, 1 month, 1 day, &c. as here appears.

6 | 100 30

30

Log. of 900 2. 954242511

Log. of 500 2. 698970004

6 | 3000 (500 Log. of rate 2530586) Diff. 255272511 (10087

30 400

900 900

2530586

22132100

20244688

1887412

17714102

1230018

10087

174

87

1,044

30

1120

Prob.

Prob. 111.

To find the time wherein a yearly payment will pay off a (possible) Debt, at any rate of Compound Interest.

The Rule.

Having found the correspondent principal (as in the former Probleme) substract the Debt out of the correspondent principal, and the Logarithme of their difference from the Logarithme of the correspondent principal. This last difference divided by the Log. of the rate, shews the time. As in this Example.

Quest. *In what time will a yearly Rent of 57 l. pay a Debt of 740 l. at 6 per Cent. Compound Interest.*

Ans. In 25,903 Years, or (by Reduction) 25 Years, 10 Months, and 25 Days, &c. as here appears.

6. 100 57
57

6) 5700,950 Log. of the rate 2,530585
6 740
30 210
20
00

Logarithme of 950 — 2.97772361
Logarithme of 210 — 2.32221929

D.ff. 6,55510432 (25,903
5,0011172
1,49387112
1,26512930
2,28857820
2,27775274
8,154500
7,591772
6,61842

25,903
12
1,806
903
1,836
30
25,986

I have for brevities sake, confined my self to a single Example under every Problem, and that 5l. at 6 *per Cent.* because that is the usual rate, and tolerated by Law. But the Rules are Universal for any rate of Interest, and accommodable by Artists to Annuities paid half yearly, or quarterly; yea (if they please) monthly, Weekly, or daily; supposing them to be acquainted with the ordinary methods of finding the arrears, or present worth of such Annuities.

VII.

Advice touching the Posts, and Roads, according to Sir Samuel Morland

Letters may be sent from *London.*

On *Mondays*, to *France*, Spain, *Italy*, *Germany*, *Flanders*, *Swedeland*, *Denmark*, *Kent*, and the *Downs*.

On *Tuesday* to *Holland*, *Germany*, *Swedeland*, *Denmark*, *Ireland*, *Scotland*, all Parts of *England*, and *Wales*.

On *Wednesdays*, to all Parts of *Kent*, and the *Downs*.

On *Thursdays* to *France*, *Spain* *Italy*, all Parts of *England*, and *Scotland*.

On *Fridays* to *Flanders*, *Germany*, *Italy*, *Swedeland*, *Denmark*, *Holland*, *Kent*, and the *Downs*.

On *Saturdays*, all Parts of *England*, *Wales*, *Scotland*, and *Ireland*.

Letters are returned from all parts of *England*, and *Scotland*, certainly, every *Monday*, *Wednesday*, and *Friday*; from *Wales*, every *Monday*, and *Friday*; and from *Kent*, and the *Downs*, every day; but from other places more uncertainly, in regard of the Sea.

Post

Post Stages.

		M.	Tot.
Northern-Road.			
From *London* to *Waltham-Cross*.		12	12
To	*Ware.*	08	20
	Royston.	13	33
	Caxton.	8	41
	Huntington.	9	50
	Stilton.	9	59
	Stamford.	12	71
	Southwitham.	8	79
	Grantham.	8	87
	Newark.	10	97
	Tuxford.	10	107
	Bawtree.	12	119
	Doncaster.	6	125
	Ferrisbridge.	10	135
	Tadcaster.	9	144
	York.	8	152
	Burrowbrig.	12	164
	Northallerton.	12	176
	Darlington.	10	116
	Durham.	14	200
	Newcastle.	12	212
	Alderpath.	12	224
	Alnwick.	12	236
	Belford.	12	248
	Berwick.	12	260
	Cockburnspath.	14	274
	Haddington.	14	288
	Edinburgh.	12	300
Norwich-Road.			
From *Royston* to *Cambridge*.		10	10
To	*New-market.*	10	20
	Bury.	10	30
	Thetford.	10	40
	Attlebrough.	10	50
	Norwich.	12	62
Chester-Road.			
From *London* to *Barnet*.		10	10
To	*St. Albans.*	10	20
	Dunstable.	10	30
	Fenny-stratford.	8	8
	Tossiter.	12	30
	Daventree.	10	60
	Coventree.	14	74
	Cashil.	8	82
	Litchfield.	12	94
	Stone.	16	110
	Nampwich.	16	126
	Chester.	14	140
	* *Northopa.*	18	158
	Denbigh.	12	170
	Conway.	14	184
	Bermaris.	10	194
	Holy-Head.	24	218
Darby-Road.			
From *Tossiter* to *Northampton*.		6	6
To	*Harborough.*	12	18
	Leicester.	12	30
	Loughborough.	8	38
	Darby.	12	50
Western-Road.			
From *London* to *Stones*.		16	16
To	*Hartford-bridge.*	16	32
	Basing-stoke.	9	41
	Andover.	18	59
	Salisbury.	16	75
	Shaftsbury.	19	94
	Sherborne.	16	110
	Crookhorn.	13	123
	Hunniton.	19	142

	M.	Tot.
Chester.		
Nantwich.	10	177
Prestbury.	24	201
Portsmouth-Road.		
From Horsfield.		
Midhurst.	10	10
Petersfield.		
To Portsmouth.	24	34
Yarmouth-Road.		
From London to Bury-wood.	16	16
Bury.	28	54
Chichester.	22	46
Ipswich.	16	62
Saxmundham.	16	78
Beckles.	16	94
Yarmouth.	10	104

	M.	Tot.
Bristol-Road.		
From London to Hounslow.	10	10
Maidenhead.	16	26
Reading.	12	38
Newbury.	16	54
Marlborough.	15	69
Chippenham.	15	84
Bristol.	20	104
Glocester-Road.		
From Maidenhead to Bibbington.	16	16
Farrington.	15	31
Cirencester.	15	46
Glocester.	18	64
Kentish-Road.		
From London to Dartford.	14	14
Rochester.	14	28
Sittingbourn.	12	40
Canterbury.	15	55
Deale.	15	70
Dovor.		

To these I shall add the by-Post-Road to Manchester; and the Halifax-Road to Lancaster.

	M.	Tot.
From London to Stone in Staffordshire.	110	110
Newcastle.	16	126
Lichfield.	12	138
Warrington.	14	152
Manchester.	10	162

	M.	Tot.
From Halifax-Chappel to Wakefield.	12	12
Wetherby.	8	20
Preston.	12	32
Garstang.	10	42
Lancaster.	10	52

VIII.

Courses, and Distances by Water, out of Mr. Sellar his Coasting Pilot, pag. 98.

		Leagues.
From	The North Forland to the North-end of the Goodwin, the Course is first by South,	1 ½
	The North Foreland to the Kentish-knock, N. by E. and N. N. E.	4 or 5
	Thence to Orfordness, North,	12
	The Foreland to the Galloper, N. E. by N.	9
	The Galloper to Orfordness, N. N. W.	10
	Alborough to Covehith, N. by East.	5
	Covehith to Leystaff, N.	2 ½
	Leystaff to Yarmouth, S.	3
	Yarmouth to Winterton, N. N. W.	2 ½
	Winterton to Haiborough	2 ½
	Cromer to Blackness, N. N. W.	3 or 4
	Blackness to Bornham, to Sail through within the Sand, W.	6 ½
	Bornham to Chappel-land, W. S. W.	2 ½
	Chappel-land to Boston-knock or the N. point of Boston-deep, N. W. by N.	5
	Thence to the Spurn, N. and N. by W.	6 ½
	The Spurn to Flamborough-head, N. N. W.	9

Thwart Courses over the Sea.

	The North Foreland to Flushing East from what Northerly about the Foreland to the Mase, E. N. E. somewhat Easterly,	26 ½ 33
	The Foreland to the Texel, or the Mase-deep, N. E.	45
	The Naze, or Harwich to the Mase East.	29
From	Orfordness to the Texel, E. N. E.	37
	Yarmouth, or Leystaff to the Walcheren, or the Weilings, S. E. and S. by S.	39
	The Point of Cromer, or Shield to the Texel, E. by S. & E. S. E.	41
	The Spurn to the Texel, E. by S. & E. S. E.	59
	Yarmouth to Scitenesse N. E.	103

Tin-

	The Courses	Leagues.
From	Tinmouth to the Naze in Norway N. E. by E. somewhat Easterly.	105
	Tinmouth to the Sean, E. N. E.	125
	Tinmouth to Holy Island, E. by S. somewhat Easterly.	100
Other Courses and Distances out of the same Book, Page 53.		
	Portland to St. Paul de Lyon, S. W. by S.	40
	Portland to Ushant, E. W.	53
	Portland to Exmouth, W. N. W.	13
	Torbay to Dartmouth, W. somewhat Southerly	3 or 4
	Dartmouth to the Start, S. W.	3
	Portland to Torbay, W. somewhat Southerly.	13 or 14
	Portland to Dartmouth, W. by S.	16
	Portland to the Start, W. S. W. Westerly.	19
	The Start to the Caskets, E. S. E.	21
	The Start to the Seven Isles, S. by East, somewhat Easterly.	24
	The Start to St. Paul De Lyon S. by W. southerly	23
	The Start to the Ram-head, W. N. W.	8
	Ram-head to Lover-Island, S. W.	3
	Lover-Island to Foy West.	2
From	Foy to the Dead Man, S. W. & S. W. by W.	5
	The Dead Man to Falmouth W. by S. & W. S. W.	4
	Falmouth to the Lizard, S. by W.	4
	The Start to the Eddie-Stone, W. or a little Northerly.	7 or 8
	The Eddie-Stone to Ram-head, N. a little Westerly.	2
	Ram-head to the Dead-Man, W. S. W.	8
	The Dead Man to the Lizard, S. W.	6
	The Start to the Lizard, W. by S.	20
	The Lizard to Guernsey, E. by S.	37
	The Lizard to the Seven Islands, S. E. by S.	31
	The Lizard to Ushant South.	29
	The Lizard to Cape De Finisterre, S. W.	153
	The same course goes about 5 Leagues within the Cape	
	The Lizard to Tenerif, S. S. W.	186
	The Lizard to Teneria	186

This Almanack this Counsel safe may give
Beholds the Age of all Moons throughout the Year
With Spark strikes that where it equal the Tide
That Vessels on the Waves may safely Ride.

The Age of the Moon for every day in this Year, 1676.

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Day
1	26	27	26	28	28	30	1	2	4	4	6	6	1
2	27	28	27	29	29	1	2	3	5	5	7	7	2
3	28	29	28	30	1	2	3	4	6	6	8	8	3
4	29	1	29	1	2	3	4	5	7	7	9	9	4
5	30	2	1	2	3	4	5	6	8	8	10	10	5
6	1	3	2	3	4	5	6	7	9	9	11	11	6
7	2	4	3	4	5	6	7	8	10	10	12	12	7
8	3	5	4	5	6	7	8	9	11	11	13	13	8
9	4	6	5	6	7	8	9	10	12	12	14	14	9
10	5	7	6	7	8	9	10	11	13	13	15	15	10
11	6	8	7	8	9	10	11	12	14	14	16	16	11
12	7	9	8	9	10	11	12	13	15	15	17	17	12
13	8	10	9	10	11	12	13	14	16	16	18	18	13
14	9	11	10	11	12	13	14	15	17	17	19	19	14
15	10	12	11	12	13	14	15	16	18	18	20	20	15
16	11	13	12	13	14	15	16	17	19	19	21	21	16
17	12	14	13	14	15	16	17	18	20	20	22	22	17
18	13	15	14	15	16	17	18	19	21	21	23	23	18
19	14	16	15	16	17	18	19	20	22	22	24	24	19
20	15	17	16	17	18	19	20	21	23	23	25	25	20
21	16	18	17	18	19	20	21	22	24	24	26	26	21
22	17	19	18	19	20	21	22	23	25	25	27	27	22
23	18	20	19	20	21	22	23	24	26	26	28	28	23
24	19	21	20	21	22	23	24	25	27	27	29	29	24
25	20	22	21	22	23	24	25	26	28	28	30	1	25
26	21	23	22	23	24	25	26	27	29	29	1	2	26
27	22	24	23	24	25	26	27	28	30	1	2	3	27
28	23	25	24	25	26	27	28	29	1	2	3	4	28
29	24	26	25	26	27	28	29	30	2	3	4	5	29
30	25	27	26	27	28	29	30	1	3	4	5	6	30
31	26		27		29		1	2		5		7	31

The first part of the [illegible] shewing the sea-ports, [illegible] and ports adjoyning.

1. Chimborush, [illegible], Portsmouth, Isle of Wight, Spits, Lentilion, [illegible] S. by N. half-tide at Dunnose.

2. Rochester, [illegible], Redbrand, S. by W. West end of the Nouse, [illegible], N. by E.

3. Gravesend, Downs, Sandwich, Hythe, [illegible] S. W. Shly half-tide, Blackness, [illegible], Sene head, S. N. E.

4. Dundee, St. Andrews, Lisbone, St. Johns, S. W. by W. Bell-Isle, Holy-Isle, [illegible] N. E. by N.

5. London, Yarmouth, Harlepool, White-bay, Amsterdam, Gascome, Britaine, Gallicia, S. W. N. E. by W.

6. Barwick, Hamborough-head, Bridlington, Ostend, Flushing, Burdeaux, Bounness, S. W. N. E. by E.

7. Scarborough, water-tide, Lawrence, Mouse-bay, Severne, Kinsale, Cork-haven, Bay of [illegible], Burgeaux, Gallicia, Bay of Biscay, S. W. N. E.

8. Falmouth, Fay, Isles of Scilly, New Castle, Barnstaple, Bideford, Cardigan, Cardy, Bay of Biscay, S. W. by S. N. E.

9. Milford, Haverford, Pembroke, Hall, Ile, Lundy, S. W. by W.

10. Aberystwith, Aberconway, Bristol, Davids-head, Ocean, [illegible] S. by E. N. by W.

11. Bristol, Foulness, Start, [illegible] S. W. by N.

12. Milford, Bridgewater, Glastonbury, Lundy, Ilfy, S. E. Bay of Biscay, Waterford, Clare, Cork, Kinsmouth, Kerry, S. by E. N. W.

13. Dowland, Peter-port, Hanchow, Fingers, S. E. by E. St. Marys-sound, Dublin, Barnsley, Mochin, S. W. by W. Cadiz, [illegible]

14. Peel, St. Helens, Isle of Man, Causet, S. E. Orkney, Fair-Isles, Dunbar, Fraiths, Bay of Biscay, S. W. Bland, the Caskets, Day at half-tide, [illegible]

15. Hadley, Oxford, Lynn, Southgate, S. E. by S. North Foreland, [illegible] W. by N.

16. Yarmouth, Boyer, [illegible] Rifa, Bellain, [illegible] Hales, [illegible] N. E.

17. Rio Wachelly, Gorea, Shades, [illegible]

18. Rhodes, [illegible]

The second part of the Tide-Table, showing the hours and minutes

Th' age of the ☾		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	H.	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2
Quin.	M.	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0
2. Roch.	H.	1	2	3	4	4	5	6	7	7	8	9	10	11	11	12
	M.	33	22	9	57	45	33	21	9	57	45	33	21	9	57	45
3. Graves	H.	2	3	3	4	5	6	7	7	8	9	10	11	12	1	1
	M.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
4. Dunk.	H.	3	3	4	5	6	7	7	8	9	10	11	12	1	1	2
	M.	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15
5. Lond.	H.	4	4	5	6	7	7	8	9	10	11	12	1	2	2	3
	M.	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0
6. Bat.	H.	4	5	6	6	7	8	9	10	10	11	12	1	2	2	3
	M.	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
7. Scarb.	H.	5	6	6	7	8	9	10	10	11	12	1	2	2	3	4
	M.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
8. Falm.	H.	6	6	7	8	9	10	10	11	12	1	2	2	3	4	5
	M.	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15
9. Plim.	H.	6	7	8	9	10	10	11	12	1	2	3	4	4	5	6
	M.	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0
10. Bristol	H.	7	8	9	9	10	11	12	1	2	3	4	4	5	6	6
	M.	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
11. Mill.	H.	8	9	9	10	11	12	1	2	3	4	4	5	6	6	7
	M.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
12. Port.	H.	9	9	10	11	12	1	2	3	4	4	5	6	6	7	8
	M.	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15
13. Poole	H.	9	10	11	12	1	1	2	3	4	5	5	6	7	8	9
	M.	48	36	24	12	0	48	36	24	12	0	48	36	24	12	0
14. Need.	H.	10	11	12	12	1	2	3	4	4	5	6	7	8	8	9
	M.	33	21	9	57	45	33	21	9	57	45	33	21	9	57	45
15. Yarm.	H.	11	12	12	1	2	3	4	4	5	6	7	8	8	9	10
	M.	18	6	54	42	30	18	6	54	42	30	18	6	54	42	30
16. Rye	H.	12	12	1	2	3	4	4	5	6	7	8	8	9	10	11
	M.	3	51	39	27	15	3	51	39	27	15	3	51	39	27	15

An Example to explain the use of the Tide-Table.

To know what Moon makes a full Sea on [illegible] day, in [illegible] place, and [illegible], that will be, on *June* [illegible] [illegible] Moon.

I find that in the [illegible] Rank, of the [illegible] place of the Tide-table, [illegible] with *Plymouth*; and by [illegible] it [illegible] the Moon is [illegible], or [illegible] it will be full [illegible].

[illegible] the Moon's Age, tells me, that upon *June* [illegible] days [illegible].

[illegible] the second part of the Tide-table, I find the [illegible] of the Moon [illegible] towards [illegible] Change, and [illegible] [illegible] [illegible] I find that it is [illegible] [illegible] [illegible] minutes [illegible].

[illegible] Moon is [illegible] Change, or [illegible] Change, [illegible] it [illegible] [illegible] find [illegible] a full [illegible].

FINIS.